

CLAIMS

What we claim is:

1. A digitizer input system for inputting written information from a user, said input device system comprising:

at least one sheet of a writing medium having a unique identifier located thereon;

an electronic pen for writing on said writing medium and emitting one or more signals for generating pen stroke information;

a detector for detecting said unique identifier and said pen stroke information from said emitted signal; and

local storage for storing said detected pen stroke information, in association with the unique identifier of said writing medium.

2. The input system of claim 1 wherein said input system is coupled to a computing device.

3. The input system of claim 1 wherein said unique identifier is at least one of an image or an alphanumeric string.

4. The input system of claim 1 wherein said unique identifier is indicated to said detector by at least one of tracing over said unique identifier, using a keypad, using speech recognition, scanning said unique identifier, through a menu selection and using a control that is manipulated by the user.

5. The input system of claim 1 wherein said unique identifier is automatically determined from said detected pen stroke information located in a predetermined region of said writing medium.

6. The input system of claim 5 wherein a user specifies said region for said unique identifier.

7. The input system of claim 1 further comprising a display for displaying said unique identifier.

8. The input system of claim 1 wherein a time stamp is associated with said detected pen stroke information.

9. The input system of claim 1 wherein said input system is interfaced with a display device for displaying a representation of said stroke information, said representation being associated with a page of said writing medium based on said unique identifier.

10. The input system of claim 1 wherein said unique identifier is used to access stored pen stroke information associated with said unique identifier.

11. A method of using an input device system, said method comprising the steps of:

indicating a unique identifier located on a writing medium to said input system using an electronic pen for writing on said writing medium, the pen emitting one or more signals for generating pen stroke information therefrom;

detecting said unique identifier information;

detecting said pen stroke information that is derived from said emitted signal; and

storing said detected pen stroke information in association with said detected unique identifier.

12. The method of claim 11 further including the step of displaying a representation of said pen stroke information, said representation being associated with a page of said writing medium based on said unique identifier.

13. The method of claim 11 further including the step of displaying said unique identifier associated with a sheet of said writing medium.

14. The method of claim 11 wherein said step of indicating said unique identifier comprises at least one of tracing over said unique identifier, using a keypad, using speech recognition, scanning said unique identifier, indicating through a menu selection and manipulating a control.

15. The method of claim 11 further including the step of automatically recognizing said unique identifier from said pen stroke information located in a predetermined location on said writing medium.

16. The method of claim 15 wherein a user specifies said location region for said unique identifier.

17. The method of claim 11 further including the step of associating a time stamp with said detected pen stroke information.

18. A storage medium having computer readable program instructions embodied therein for inputting information from a user to an input system, said storage medium comprising:

program instructions that are responsive to an indication of a unique identifier located on a writing medium provided to said input system by emissions from an electronic pen, said program instructions further being responsive to a detection

of said unique identifier information derived from said pen emissions and to detected pen stroke information derived from said pen emissions; and

program instructions for storing said stroke information in association with said detected unique identifier.

19. The storage medium of claim 18 further including program instructions for displaying a representation of said pen stroke information, said representation associated with a page of said writing medium based on said unique identifier.

20. The storage medium of claim 18 further including program instructions for displaying said unique identifier associated with a sheet of said writing medium.

21. The storage medium of claim 18 further including program instructions for automatically recognizing said unique identifier from said pen stroke information located in predetermined location on said writing medium.

22. The storage medium of claim 21 further including program instructions for accepting a user-selected location for said unique identifier.

23. The storage medium of claim 18 further including program instructions for associating a time stamp with said detected stroke information.